

**PATENT**

Attorney's Docket No. \_\_\_\_\_

**COMBINED DECLARATION AND POWER OF ATTORNEY**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION OR CIP)

As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is of the following type: (check one applicable item below)

- original  
 design  
 supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application, do not check next item; check appropriate one of last three items.

- national stage of PCT

NOTE: If one of the following 3 items apply, then complete and also attach ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.

- divisional  
 continuation  
 continuation-in-part (CIP)

**INVENTORSHIP IDENTIFICATION**

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION****OPTICAL INFORMATION MEDIUM, AND METHOD AND APPARATUS FOR  
FABRICATING THE SAME****SPECIFICATION IDENTIFICATION**

the specification of which: (complete (a), (b) or (c))

- (a)  Is attached hereto.  
 (b)  was filed on \_\_\_\_\_ as  Serial No. 0 / \_\_\_\_\_  
       or  Express Mail No., as Serial No. not yet known \_\_\_\_\_  
       and was amended on \_\_\_\_\_ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

- (c)  was described and claimed in PCT International Application No. \_\_\_\_\_ filed on \_\_\_\_\_ and as amended under PCT Article 19 on \_\_\_\_\_ (if any).

## **ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information

- which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56

*(also check the following items, if desired)*

- and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, and
- In compliance with this duty there is attached an information disclosure statement in accordance with 37 CFR 1.98.

### **PRIORITY CLAIM (35 U.S.C. § 119)**

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

*(complete (d) or (e))*

- (d)  no such applications have been filed.  
(e)  such applications have been filed as follows.

*NOTE: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.*

### **A. PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. § 119**

| COUNTRY (OR<br>INDICATE IF<br>PCT) | APPLICATION NUMBER | DATE OF FILING<br>(day, month, year) | PRIORITY CLAIMED<br>UNDER 37 USC 119                                |
|------------------------------------|--------------------|--------------------------------------|---|
| Japan                              | 7-27086            | 15, 02, 1995                         | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| Japan                              | 7-58934            | 17, 03, 1995                         | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| Japan                              | 7-58933            | 17, 03, 1995                         | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
|                                    |                    |                                      | <input type="checkbox"/> YES <input type="checkbox"/> NO            |
|                                    |                    |                                      | <input type="checkbox"/> YES <input type="checkbox"/> NO            |

(Declaration and Power of Attorney [1-1]—page 2 of 5)

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS  
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

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**NOTE:** If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CIP APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

**POWER OF ATTORNEY**

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Armand P. Boisselle  
Reg. No. 22,381

(check the following item, if applicable)

- Attached as part of this declaration and power of attorney is the authorization of the above-named attorney(s) to accept and follow instructions from my representative(s).

---

**SEND CORRESPONDENCE TO**

Armand P. Boisselle  
Renner, Otto, Boisselle & Sklar  
The Keith Building  
1621 Euclid Avenue - 19th Fl.  
Cleveland, Ohio 44115

**DIRECT TELEPHONE CALLS TO:**  
(Name and telephone number)

Armand P. Boisselle  
216/621-1113

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**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

### SIGNATURE(S)

NOTE: Carefully Indicate the family (or last) name as it should appear on the filing receipt and all other documents.

Full name of sole or first inventor  
Hisaki

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

MIYAMOTO

FAMILY (OR LAST NAME)

Inventor's signature Hisaki Miyamoto

Date February 1, 1996 Country of Citizenship Japan

Residence Suita-shi, Osaka Japan

Post Office Address 5-10-15, Minami-suita, Suita-shi, Osaka Japan

Full name of second joint inventor, if any  
Michiyoshi

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

NAGASHIMA

FAMILY (OR LAST NAME)

Inventor's signature Michiyoshi Nagashima

Date February 1, 1996 Country of Citizenship Japan

Residence Ikoma-shi, Nara-ken Japan

Post Office Address 3-3-8, Shikanodai-higashi, Ikoma-shi, Nara-ken Japan

Full name of third joint inventor, if any

Kiyoshi

(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

INOUE

FAMILY (OR LAST NAME)

Inventor's signature Kiyoshi Inoue

Date February 1, 1996 Country of Citizenship Japan

Residence Osaka-shi, Osaka Japan

Post Office Address 2-1-18-202, Taishibashi, Asahi-ku, Osaka-shi, Osaka Japan

(Declaration and Power of Attorney [1-1]—page 4 of 5)

CHECK PROPER BOX(ES) FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH  
FORM A PART OF THIS DECLARATION

- Signature for third and subsequent joint inventors. Number of pages added 1
- • •
- Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added \_\_\_\_\_
- • •
- Signature for Inventor who refuses to sign or cannot be reached by person authorized under 37 CFR 1.47. Number of pages added \_\_\_\_\_
- • •
- Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal representative cannot be appointed in time (37 CFR 1.47). Number of pages added \_\_\_\_\_
- • •
- Added pages to combined declaration and power of attorney for divisional, continuation, or continuation-in-part (C-I-P) application.  
 Number of pages added \_\_\_\_\_
- • •
- Authorization of attorney(s) to accept and follow instructions from representative.

(If no further pages form a part of this Declaration, then end this Declaration with this page and check the following item:)

- This declaration ends with this page.

ADDED PAGE TO COMBINED DECLARATION AND POWER OF  
ATTORNEY FOR SIGNATURE BY FOURTH AND SUBSEQUENT INVENTORS

Full name of fourth joint inventor, if any

Sakae (GIVEN NAME) Noda (MIDDLE INITIAL OR NAME) NODA FAMILY (OR LAST NAME)  
Inventor's signature Sakae Noda Date February 1, 1996 Country of Citizenship Japan  
Residence Katano-shi, Osaka Japan  
Post Office Address 3-13-9, Kuraji, Katano-shi, Osaka Japan

Full name of fifth joint inventor, if any

(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_  
Residence \_\_\_\_\_  
Post Office Address \_\_\_\_\_

Full name of sixth joint inventor, if any

(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)  
Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_ Country of Citizenship \_\_\_\_\_  
Residence \_\_\_\_\_  
Post Office Address \_\_\_\_\_



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JUNE 25, 1996

PTAS

NEIL A. DUCHEZ  
1621 EUCLID AVENUE - 19TH FL.  
CLEVELAND, OH 44115



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154900/366935

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/09/1996

REEL/FRAME: 7875/0613  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
MIYAMOTO, H.

DOC DATE: 02/01/1996

ASSIGNEE:  
NAGASHIMA, M.

DOC DATE: 02/01/1996

ASSIGNEE:  
INOUE, K.

DOC DATE: 02/01/1996

ASSIGNEE:  
NODA, S.

DOC DATE: 02/01/1996

ASSIGNEE:  
MATSUSHITA ELECTRIC INDUSTRIAL CO., INC.  
1006, OHAZA KADOMA, KADOMA-SHI  
OSAKA, JAPAN 571

SERIAL NUMBER: 08599181  
PATENT NUMBER:

FILING DATE: 02/09/1996  
ISSUE DATE:

ASSIGNMENT

WHEREAS, The ASSIGNOR, comprising the following named inventor(s):

1. Hisaki MIYAMOTO; 5-10-15, Minami-suita, Suita-shi,  
Osaka Japan
2. Michiyoshi NAGASHIMA; 3-3-8, Shikanodai-higashi,  
Ikoma-shi, Nara-ken Japan
3. Kiyoshi INOUE; 2-1-18-202, Taishibashi, Asahi-ku,  
Osaka-shi, Osaka Japan
4. Sakae NODA; 3-13-9, Kuraji, Katano-shi, Osaka Japan

has invented and owns a certain invention entitled:

OPTICAL INFORMATION MEDIUM, AND METHOD AND  
APPARATUS FOR FABRICATING THE SAME

for which application for Letters Patent of the United States was executed on even date herewith,  
and

WHEREAS, the ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.  
1006, Ohaza Kadoma, Kadoma-shi,  
Osaka 571 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum corresponding to One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby

sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment sale agreement charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seal

this 1st day of February, 1996.

1. Hisaki Miyamoto  
(Hisaki MIYAMOTO)

2. Michiyoshi Nagashima  
(Michiyoshi NAGASHIMA)

3. Kiyoshi Inoue  
(Kiyoshi INOUE)

4. Sakae Noda  
(Sakae NODA)